

## Page 1 of 1

All amounts are calculated in domestic currency.

<b>Book Amt</b>	
\$348.90	
\$239.77	
\$0.00	
45,000	
0,000	
0,000	
\$588.6	
0,000	

380

B I L L O F L A D I N G

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 29627  
Ship Date 06Feb17 at 10:47 From PFW  
Probill  
Via VIM DELIVER  
FOB CONCORD  
Frt PREPAID 12,894 LBS  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

① Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC- 13772- 1 Your PO # 35180  
ALUMINUM FLAT BAR 6061-T6511  
1.00" x 4.00" X 240.0000"

Heat Number 201621987 Tag No 615327

Quantity 40 FT PCS 2 MTR Wt LBS 185

2) Our Order PEC- 13772- 2 Your PO # 35180  
ALUMINUM FLAT BAR 6061-T6511  
2.00" x 6.00" X 144.0000"  
B/O

3) Our Order PEC- 13772- 3 Your PO # 35180  
ALUMINUM FLAT BAR 6061-T6511  
2.00" X 8.00" X 48.0000"

Heat Number 201621987 Tag No 614821

Quantity 4 FT PCS 1 MTR Wt LBS 76

TOTAL: Tags 2 PCS 3 LBS 261

Heat Number  
201621987  
C2670-261

\*\*\* Chemical Analysis \*\*\*

TREBOR 29841 465731  
MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.  
ATTN: CHANTAL/LINDA

SPH-028

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

# BILL OF LADING

No: PEC 29627

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 06Feb17 at 10:47 From PFW  
Probill  
Via VIM DELIVER  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

# BILL OF LADING

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BDL, 1 SKID GW. 284 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*  
\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*  
\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*  
\*\*\*\*\*  
\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

\*\*\*\*\*  
\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00  
SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*  
\*\*\*POUR VOS BESOINS D'ACIER INOXYDABLE,  
\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
1.00" x 4.00" X 240.0000"  
PART NO.

PO/Rel 35180

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-029627-001

6Feb17

Signed by: \_\_\_\_\_

Pg 1/1

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
CANADA LIMITED  
3021 GORE ROAD  
LONDON, ON N5V 5A9

CUSTOMER PO NUMBER: PEC-276501-13		CUSTOMER PART NUMBER: C2670/20/CR		PRODUCT DESCRIPTION: BSE 1.000X4.000	
KAISER ORDER NUMBER: 753208	LINE ITEM: 013	SHIP DATE: 09/27/2016	KAISER LOT NUMBER: C2670-261	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 2257.000 LB	QUANTITY: 24.000 PCS	B/L NUMBER: 758145	DIAMETER/THICKNESS: 	WIDTH: 	LENGTH: 20.000 FT
SHIP TO:  THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO:  THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
C2670-261	0001	1	44.5	38.3	14.0	RE 93	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40		0.15		0.8	0.04			NA	NA	NA		
036192	.74	.25	.39	.12	.93	.09	.08	.02	.03	.00	.00	.01	.03

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97(R07) UNS#A96061  
(T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN CANADA MELTED IN CANADA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY  
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Canada Limited ('Kaiser') hereby certifies that metal shipped under this order has been  
inspected and tested and found in conformance with applicable specifications forming a part of the  
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on  
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Curtis Gold, Quality Manager

DAS  
14  
9-89

17/02/09

Plant Serial: 00119913  
Kaiser Order Number: 753208  
Line Item: 013

# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**  
ALUMINUM PLAT BAR 6061-T6511  
2.00" X 8.00" X 48.0000"  
PART NO.

PO/Rel 35180

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-029627-003

6Feb17  
Pg 1/1

## Certificate of Mill Test Results



**Service Center Metals**

5850 Quality Way  
Prince George, VA 23875



## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
283650	9

<b>PLM TO</b> ThyssenKrupp Materials NA-Concord, ON <b>SHIP TO</b> ThyssenKrupp Materials NA-Concord, ON <b>Quantity</b> Certified 1,824 lbs 8 pcs	<b>MANIFEST NUMBER</b> 321031 <b>CUSTOMER PO</b> PEC-280453 <b>CUSTOMER PART NUMBER</b> MRB1859	<b>DATE OF SHIPMENT</b> 1/30/2017 <b>SALES PERSON</b> D. Schroeder (Canada)	<b>ONE NUMBER</b> MRB1859 <b>ALLOY/TEMPER</b> 6061-T6511 <b>DESCRIPTION</b> MARB 2.000 x 8.000	<b>CERTIFICATION</b> ASTM-B221-14 StencilCont <b>SPECIFICATION</b> AMS-QQA-2008 Rev-A <b>SPECIFICATION</b> RoHS 2011/65/EU Compliant
--	--	--	---	---

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

### Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
2	201621987	12/18/16	min 49.50 max 49.70	min 45.30 max 45.90	min 14.50 max 14.80

DAS  
14  
9-85  
17102109

### Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Each	Total	Melt Source:
12081602	201621987	6061	0.76	0.34	0.31	0.09	0.88	0.09	0.08	0.02	97.43		0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Print Date: 1/30/2017

Calvin I. Wiggins, Director of Quality & Technical Services

Rev 9/2/16

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MLDLITL B2.00X8.00  
DATE: 17/02/09

PO / BATCH NO.: 35180/136789

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 4  
QUANTITY INSPECTED: 4  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 2.00  
THICKNESS RECEIVED: 2.00  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	<u>MLDLITL</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> N	<u>2.00</u>
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> N	<u>AMS-QQ-A-200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> N	<u>HEAT# 261621987</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> N	<u>MLDLITL B2.00X8.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> N	<u>136789</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
<p>INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-89</u></p> <p>DATE: <u>17/02/09</u></p>	<p>SIGNED OFF BY: _____</p> <p>DATE: _____</p>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MLDGLTL6.B1.00X4.00  
 DATE: 17/02/09

PO / BATCH NO: 35780/136789

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 40  
 QUANTITY INSPECTED: 40  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.00  
 THICKNESS RECEIVED: .990  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	<u>.990</u>
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	<u>AMS-QQ-A-200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	<u>4EATH C2670-26.1</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	<u>MLDGLTL6.B1.00X4.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	<u>B136789</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 14</u> DATE: <u>17/02/09</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO35180**

Purchase Order Date 2/2/2017  
PO Print Date 2/3/2017

Page Number 1 of 2

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
		Customer Tax #	10127-2607
Ship To Contact		Terms	Net 30
Ship To Phone		Currency	CAD
Ship Via:	VENDOR'S TRUCK	FOB	FCA - (Free Carrier)
Ship Acct:			

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B1.000X04.000 ✓  MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	6061-T6 Bar 1.00 x 4.00 ✓	2/8/2017 Yes 2/8/2017		20.00 f recu 40 ft 8017-02-8	\$11.35	\$227.00
Line Total:							\$227.00
2	M6061T6B06.000X02.000  MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221	alum bar 6.00 x 2.00	2/8/2017 Yes 2/8/2017		12.00 f	\$33.80	\$405.60
Line Total:							\$405.60

PO Instructions: quote no. st-12759

Note:

2/3/2017





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO35180**

Purchase Order Date 2/2/2017

PO Print Date 2/3/2017

Page Number 2 of 2

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:**

VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

3	M6061T6B2.000X08.000	6061-T6 BAR 2.00' X 8.00" ( CUT IN 4FT SECTION)	2/8/2017	4.00	\$78.00	\$312.00
		No	2/8/2017	f		

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

4	71401-45	PROCUREMENT QUALITY CLAUSES	2/8/2017	1.00	\$0.00	\$0.00
		No	2/8/2017			

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

**Line Total:** \$312.00

**Line Total:** \$0.00

**PO Total:** \$944.60

**PO Instructions:** quote no. st-12759

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 2

**Change Date:** 2/3/2017